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S14	38180	IC=(B60K-037? OR B62D-025?)
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S23	0	S16 AND S22
S24	1	S18 AND S22
S25	34	S21 OR S24

25/3,K/7 (Item 7 from file: 350)
DIALOG(R) File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

014403333 **Image available**
WPI Acc No: 2002-224036/200228
XRPX Acc No: N02-171505

Substrate supporting apparatus includes grooves formed perpendicular to base surface at substrate support location, in top surface of protrusion

Patent Assignee: APPLIED MATERIALS INC (MATE-N)
Inventor: HEGEDUS A G; *JENNINGS D*; LUE B; SIU C C
Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6264467	B1	20010724	US 99291909	A	19990414	200228 B

Priority Applications (No Type Date): US 99291909 A 19990414

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6264467	B1	23	F27D-005/00		

...Inventor: *JENNINGS D*

25/3,K/23 (Item 23 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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011728503 **Image available**
WPI Acc No: 1998-145413/199813
XRPX Acc No: N98-115034

Device for manufacturing hydrodynamic groove bearing - includes cage having circular cage wall with annular pattern of holes whereby several spherical balls having diameter greater than cage wall thickness

Patent Assignee: SEAGATE TECHNOLOGY INC (SEAG-N)
Inventor: ADDY R A; CLARK W R; *JENNINGS D*; MURTHY S
Number of Countries: 006 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9805444	A1	19980212	WO 97US1977	A	19970206	199813 B
US 5946958	A	19990907	US 96631568	A	19960412	199943
			US 96691503	A	19960802	

Priority Applications (No Type Date): US 96691503 A 19960802; US 96631568 A 19960412

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9805444	A1	E 18	B21D-017/04		

Designated States (National): DE GB JP KR SG

US 5946958 A B21D-017/04 CIP of application US 96631568

...Inventor: *JENNINGS D*

25/AA,AN,AZ,TI/1 (Item 1 from file: 350)
DIALOG(R) File 350:(c) 2004 Thomson Derwent. All rts. reserv.

015874553

WPI Acc No: 2004-032384/

Thermal flux processing device for depositing layers on substrate has reaction chamber, gas injector, continuous wave electromagnetic radiation source, stage, optics and translation mechanism

Local Applications (No Type Date): US 2002126419 A 20020418; US 2002202119 A 20020723

Priority Applications (No Type Date): US 2002202119 A 20020723; US 2002126419 A 20020418

25/AA,AN,AZ,TI/2 (Item 2 from file: 350)
DIALOG(R) File 350:(c) 2004 Thomson Derwent. All rts. reserv.

015782374

WPI Acc No: 2003-844577/

Thermal flux processing device for integrated circuit, has collimator and lens focus continuous wave electromagnetic radiation on silicon substrate which is supported by stage

Local Applications (No Type Date): US 2002126419 A 20020418

Priority Applications (No Type Date): US 2002126419 A 20020418

25/AA,AN,AZ,TI/3 (Item 3 from file: 350)
DIALOG(R) File 350:(c) 2004 Thomson Derwent. All rts. reserv.

015562873

WPI Acc No: 2003-625029/

Lamp durability increasing method in semiconductor thermal processing system, involves applying higher and lower voltages to respective group of heating lamps, such that weighted average of voltages approximates undesired voltage

Local Applications (No Type Date): US 200292275 A 20020304; WO 2003US6494 A 20030304

Priority Applications (No Type Date): US 200292275 A 20020304

25/AA,AN,AZ,TI/4 (Item 4 from file: 350)
DIALOG(R) File 350:(c) 2004 Thomson Derwent. All rts. reserv.

014727204

WPI Acc No: 2002-547908/

Delivery device for liquid containing medicament includes actuating member comprising hinged elements forming lifting frame that acts on liquid delivery assembly

Local Applications (No Type Date): WO 2001SE2817 A 20011218; AU 200216555 A 20011218; EP 2001271237 A 20011218; WO 2001SE2817 A 20011218

Priority Applications (No Type Date): SE 20004751 A 20001219

25/AA,AN,AZ,TI/5 (Item 5 from file: 350)
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014596139

WPI Acc No: 2002-416843/

Delivery device for e.g. liquid containing medicament, includes actuator that cooperates with inner sleeve to release liquid delivery unit from non-actuatable mode to enable liquid delivery

Local Applications (No Type Date): WO 2001SE2203 A 20011009; AU 200194482 A 20011009; EP 2001975127 A 20011009; WO 2001SE2203 A 20011009

Priority Applications (No Type Date): SE 20003666 A 20001011

25/AA,AN,AZ,TI/6 (Item 6 from file: 350)
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014562704

WPI Acc No: 2002-383407/

Manually actuatable liquid delivery device comprises liquid delivery unit held by locking mechanism in non-actuatable mode, and actuator cooperating with interfering member to release delivery unit from the locking mechanism

Local Applications (No Type Date): WO 2001SE2202 A 20011009; AU 200196110 A 20011009; EP 2001976958 A 20011009; WO 2001SE2202 A 20011009

Priority Applications (No Type Date): SE 20003665 A 20001011

25/AA,AN,AZ,TI/7 (Item 7 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

014403333

WPI Acc No: 2002-224036/

Substrate supporting apparatus includes grooves formed perpendicular to base surface at substrate support location, in top surface of protrusion

Local Applications (No Type Date): US 99291909 A 19990414

Priority Applications (No Type Date): US 99291909 A 19990414

25/AA,AN,AZ,TI/8 (Item 8 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

014141892

WPI Acc No: 2001-626103/

Inhalation device for inhaling substances used to treat diseases in, e.g. pulmonary area, has suction chamber that increases its internal volume during use to produce negative pressure in dispersion chamber

Local Applications (No Type Date): WO 2001SE601 A 20010321; AU 200142966 A 20010321; EP 2001916023 A 20010321; WO 2001SE601 A 20010321; WO 2001SE601 A 20010321; US 2002221958 A 20021022; JP 2001568509 A 20010321; WO 2001SE601 A 20010321

Priority Applications (No Type Date): SE 2000935 A 20000321

25/AA,AN,AZ,TI/9 (Item 9 from file: 350)
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014126997

WPI Acc No: 2001-611207/

Oil-compatible complex formation for making cosmetics and pharmaceuticals involves mixing a polyglycerol fatty acid ester with a polyhydric alcohol/water-soluble active solution

Local Applications (No Type Date): WO 2001US5636 A 20010222; AU 200143212 A 20010222; EP 2001916155 A 20010222; WO 2001US5636 A 20010222; JP 2001561284 A 20010222; WO 2001US5636 A 20010222

Priority Applications (No Type Date): US 2000511208 A 20000223

25/AA,AN,AZ,TI/10 (Item 10 from file: 350)
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014046904

WPI Acc No: 2001-531117/

Thermally processing substrate in the fabrication of semiconductor logic and memory devices, flat panel displays, CD ROMs etc., controlling substrate temperature response during heat-up and/or cool-down phases

Local Applications (No Type Date): EP 2000114673 A 20000707; JP 2000208418 A 20000710; KR 200039156 A 20000708; WO 2001US21154 A 20010703; TW

2000113708 A 20000828; 2001952404 A 20010703; WO 2001021154 A
20010703; KR 2003700152 20030106; CN 2001814498 A 20010703
Priority Applications (No Type Date): US 2000611349 A 20000706; US 99350415
A 19990708

25/AA,AN,AZ,TI/11 (Item 11 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

013948172

WPI Acc No: 2001-432386/

Data processing system for online borrowing, provides separate facilities
for investor to disclose his/her borrowing criteria and calculate risk
assessments correspondingly to decide and select suitable loan package
Local Applications (No Type Date): WO 2000US23168 A 20000824; AU 200075727
A 20000824
Priority Applications (No Type Date): US 99150364 P 19990824

25/AA,AN,AZ,TI/12 (Item 12 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

013628384

WPI Acc No: 2001-112592/

Medicament discharge pump for nasal inhaler, comprises rotatable cover to
selectively close outlet in housing and for delivering liquid by
orthogonal actuation force application
Local Applications (No Type Date): WO 2000SE1470 A 20000707; AU 200061944 A
20000707; BR 200012421 A 20000707; WO 2000SE1470 A 20000707; NO 2002150 A
20020111; EP 2000948463 A 20000707; WO 2000SE1470 A 20000707; KR
2002700393 A 20020111; CN 2000810190 A 20000707; WO 2000SE1470 A 20000707
; US 2000673870 A 20001020; WO 2000SE1470 A 20000707; JP 2001509314 A
20000707; TW 2000113474 A 20000707; ZA 200110531 A 20011221; NZ 516560 A
20000707; WO 2000SE1470 A 20000707; WO 2000SE1470 A 20000707; MX 2002347
A 20020110
Priority Applications (No Type Date): SE 992672 A 19990712

25/AA,AN,AZ,TI/13 (Item 13 from file: 350)
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013556105

WPI Acc No: 2001-040312/

Formation of semiconductor substrate involves depositing first dopant in
a first surface of device substrate, diffusing the dopant into the
substrate and bonding first surface of the substrate to a handle
substrate
Local Applications (No Type Date): US 97844973 A 19970423
Priority Applications (No Type Date): US 97844973 A 19970423

25/AA,AN,AZ,TI/14 (Item 14 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

013351939

WPI Acc No: 2000-523878/

Formation of an isolation structure in silicon-on-insulator integrated
device includes etching trench region, passivating sidewalls with an
oxide, and filling the trench with polysilicon
Local Applications (No Type Date): US 97841493 A 19970423
Priority Applications (No Type Date): US 97841493 A 19970423

25/AA,AN,AZ,TI/15 (Item 15 from file: 350)
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013084081

WPI Acc No: 2000-255953/

Improving insulation between active devices in silicon-on-insulator substrate comprises removing part of oxide layer overlying polysilicon isolation structure and coupling to charge dissipation device

Local Applications (No Type Date): US 97841494 A 19970423

Priority Applications (No Type Date): US 97841494 A 19970423

25/AA,AN,AZ,TI/16 (Item 16 from file: 350)

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013023798

WPI Acc No: 2000-195649/

Substrate temperature measuring device for use during semiconductor device, display panel fabrication, outputs intensity signal corresponding to split beams based on which substrate temperature is detected

Local Applications (No Type Date): WO 99US17774 A 19990806; US 98130304 A

19980806; TW 99113457 A 19990806

Priority Applications (No Type Date): US 98130304 A 19980806

25/AA,AN,AZ,TI/17 (Item 17 from file: 350)

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012850468

WPI Acc No: 2000-022300/

Silicon on insulator type wafer forming method for complimentary metal oxide semiconductor field effect transistor manufacture

Local Applications (No Type Date): US 95522728 A 19950901

Priority Applications (No Type Date): US 95522728 A 19950901

25/AA,AN,AZ,TI/18 (Item 18 from file: 350)

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012377317

WPI Acc No: 1999-183424/

Breathing pattern monitor

Local Applications (No Type Date): GB 9721110 A 19971003

Priority Applications (No Type Date): GB 9721110 A 19971003

25/AA,AN,AZ,TI/19 (Item 19 from file: 350)

DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

012289666

WPI Acc No: 1999-095772/

Reduced deposition of volatile contaminants onto optical components - in a substrate processing system by using a flow of purge fluid to form a contamination entraining barrier

Local Applications (No Type Date): WO 98US13394 A 19980626; EP 98931674 A 19980626; WO 98US13394 A 19980626; US 97884192 A 19970630; US 99350415 A 19990708; US 97884192 A 19970630; KR 99712444 A 19991229; WO 98US13394 A 19980626; JP 99505817 A 19980626; EP 98931674 A 19980626; WO 98US13394 A 19980626; DE 604808 A 19980626; EP 98931674 A 19980626; WO 98US13394 A 19980626

Priority Applications (No Type Date): US 97884192 A 19970630; US 99350415 A 19990708

25/AA,AN,AZ,TI/20 (Item 20 from file: 350)

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012192578

WPI Acc No: 1998-609491/

Electromechanical wind chime assembly for indoor and outdoors - has current control unit, which regulates power applied to motor driving hammer weight based on time set by timer

Local Applications (No Type Date): US 97909612 A 19970813

Priority Applications (No Type Date): US 97909612 A 19970813

25/AA,AN,AZ,TI/21 (Item 21 from file: 350)

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012104065

WPI Acc No: 1998-520977/

Dry powder inhaler for delivering medicine - has mechanism for vibrating internal surfaces of ducts to prevent accumulation of powder on some of these surfaces

Local Applications (No Type Date): WO 98SE464 A 19980313; AU 9864310 A 19980313; EP 98909953 A 19980313; WO 98SE464 A 19980313; WO 98SE464 A 19980313; US 9866336 A 19980427; AU 9864310 A 19980313; JP 98540430 A 19980313; WO 98SE464 A 19980313

Priority Applications (No Type Date): SE 97936 A 19970314

25/AA,AN,AZ,TI/22 (Item 22 from file: 350)

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012104060

WPI Acc No: 1998-520972/

Dry powder inhaler for delivering doses of medication - has dispersion chamber with apertures, dosing mechanism linked to component that opens/closes air path, and rotatable suction chamber

Local Applications (No Type Date): WO 98SE456 A 19980313; AU 9864302 A 19980313; EP 98909945 A 19980313; WO 98SE456 A 19980313; JP 98540422 A 19980313; WO 98SE456 A 19980313

Priority Applications (No Type Date): SE 97935 A 19970314

25/AA,AN,AZ,TI/23 (Item 23 from file: 350)

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011728503

WPI Acc No: 1998-145413/

Device for manufacturing hydrodynamic groove bearing - includes cage having circular cage wall with annular pattern of holes whereby several spherical balls having diameter greater than cage wall thickness

Local Applications (No Type Date): WO 97US1977 A 19970206; US 96631568 A 19960412; US 96691503 A 19960802

Priority Applications (No Type Date): US 96691503 A 19960802; US 96631568 A 19960412

25/AA,AN,AZ,TI/24 (Item 24 from file: 350)

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011634893

WPI Acc No: 1998-052021/

Water based make-up composition stable at low pH for eye make-up - comprises water dispersible pigment having nonionic coating, a lipid vesicle comprising lipid component(s) and carrier and silicone polymer

Local Applications (No Type Date): WO 97US9836 A 19970609; ZA 975124 A 19970610; AU 9733040 A 19970609; US 96661250 A 19960610; EP 97928885 A 19970609; WO 97US9836 A 19970609; WO 97US9836 A 19970609; JP 98501710 A 19970609

Priority Applications (No Type Date): US 96661250 A 19960610

25/AA,AN,AZ,TI/25 (Item 25 from file: 350)
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011558399

WPI Acc No: 1997-534880/

Polishing tool for smoothing surface of e.g. semiconductor substrate - is mounted on grinder having peripheral lip with pockets receiving water and generating high pressure

Local Applications (No Type Date): US 96597680 A 19960206

Priority Applications (No Type Date): US 96597680 A 19960206

25/AA,AN,AZ,TI/26 (Item 26 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

011332780

WPI Acc No: 1997-310684/

Hydrodynamic bearing spindle with reduced temperature sensitivity for e.g. magnetic disc drive - has stationary shaft with conical tapered surfaces, rotatably mounted sleeve with axially inwardly flared regions, and collapsible tube in connection region

Local Applications (No Type Date): WO 96US18620 A 19961115; US 95563589 A 19951128; WO 96US18620 A 19961115; GB 9811371 A 19980527; DE 1081642 A 19961115; WO 96US18620 A 19961115; CN 96198444 A 19961115; WO 96US18620 A 19961115; KR 98703952 A 19980527; WO 96US18620 A 19961115; GB 9811371 A 19980527; WO 96US18620 A 19961115; JP 97520551 A 19961115

Priority Applications (No Type Date): US 95563589 A 19951128

25/AA,AN,AZ,TI/27 (Item 27 from file: 350)
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011294419

WPI Acc No: 1997-272324/

Disc drive data storage system - includes a hydro-bearing lubricated by base fluids with individual viscosities blended to give optimised lubricant viscosity

Local Applications (No Type Date): WO 96US17131 A 19961025; WO 96US17131 A 19961025; GB 989176 A 19980429; DE 1081634 A 19961025; WO 96US17131 A 19961025; CN 96197948 A 19961025; US 958124 A 19951030; WO 96US17131 A 19961025; US 97737437 A 19971010; WO 96US17131 A 19961025; GB 989176 A 19980429; WO 96US17131 A 19961025; JP 97517425 A 19961025; WO 96US17131 A 19961025; KR 98703172 A 19980430

Priority Applications (No Type Date): US 958124 P 19951030; US 97737437 A 19971010

25/AA,AN,AZ,TI/28 (Item 28 from file: 350)
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011250823

WPI Acc No: 1997-228726/

Spindle motor with rotating hub supporting disc e.g. in disc drive - has hydrodynamic bearing assembly providing support and rotation for high speed spindle element for computer disc drive recording system

Local Applications (No Type Date): EP 96307654 A 19961021; US 94279199 A 19940722; US 95545514 A 19951019; JP 96324501 A 19961018; EP 96307654 A 19961021; KR 9647624 A 19961019; SG 9610906 A 19961018; KR 9647624 A 19961019; CN 96121935 A 19961019; EP 96307654 A 19961021; DE 625569 A 19961021; EP 96307654 A 19961021

Priority Applications (No Type Date): US 95545514 A 19951019; US 94279199 A 19940722

25/AA,AN,AZ,TI/29 (Item 29 from file: 350)
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011021600
WPI Acc No: 1996-518550/
Pourer for pouring at least two different liquids from pair of juxtaposed
containers - has main body portion and associated sealing cap, with body
portion having pourer body section associated with each container, with
fluid seals sealing each pouring passageway
Local Applications (No Type Date): WO 96IE27 A 19960513; AU 9657013 A
19960513
Priority Applications (No Type Date): IE 95340 A 19950511

25/AA,AN,AZ,TI/30 (Item 30 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

009439814
WPI Acc No: 1993-133333/
Tree stand and bracket - has chain attached to upper end of bracket to
encircle tree
Local Applications (No Type Date): US 92833888 A 19920211
Priority Applications (No Type Date): US 92833888 A 19920211

25/AA,AN,AZ,TI/31 (Item 31 from file: 350)
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008244760
WPI Acc No: 1990-131761/
High-voltage complementary silicon NPN-PNP process - for formation of NPN
and PNP power transistors on monolithic epitaxial junction-isolated IC
Local Applications (No Type Date): US 89361171 A 19890606; EP 90110523 A
19900602; JP 90146370 A 19900606; EP 90110523 A 19900602; EP 90110523 A
19900602; DE 625647 A 19900602; EP 90110523 A 19900602
Priority Applications (No Type Date): US 89361171 A 19890606

25/AA,AN,AZ,TI/32 (Item 32 from file: 350)
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007001259
WPI Acc No: 1987-001256/
Spacer fluids for drilling mud displacement - contg. bio-polymer fluid
loss control agent and dispersing agent
Local Applications (No Type Date): EP 86200883 A 19860522; FR 858434 A
19850531; US 89391383 A 19890809
Priority Applications (No Type Date): FR 858434 A 19850531

25/AA,AN,AZ,TI/33 (Item 33 from file: 350)
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003184027
WPI Acc No: 1981-44579D/
Distilling used laundry or dyeing liq. - by injecting steam into it and
reducing heat input during initial part of boiling
Priority Applications (No Type Date): GB 7650440 A 19761203

25/AA,AN,AZ,TI/34 (Item 1 from file: 34)
DIALOG(R)File 34:(c) 2004 Inst for Sci Info. All rts. reserv.

05838025

Title: Contamination of *automobiles* by *Synchytrium endobioticum* in
relation to home gardens in Newfoundland

?show files;ds

File 347:JAPIO Oct 1976-2000/Sep(Updated 040105)

(c) 2004 JPO & JAPIO

File 350:Derwent WPIX 1963-2004/UD,UM &UP=200405

(c) 2004 Thomson Derwent

File 371:French Patents 1961-2002/BOPI 200209

(c) 2002 INPI. All rts. reserv.

Set	Items	Description
S1	33676	BEZEL? ? OR (CRIMPED OR BEVELED)(4N)(METAL OR BORDER? ? OR EDGE? ?) OR (TRIM OR SURFACE OR RETAIN??? OR METAL)()RING? ? - OR FACEPLATE? ? OR FACE()PLATE? ? OR TRIMRING? ?
S2	2805343	GAUGE? ? OR DASHBOARD? ? OR DASH OR PANEL? ? OR FASCIA OR - FACIA OR DIAL? ? OR READOUT? ? OR INSTRUMENT?? OR SPEEDOMET??? OR TACHOMET??? OR INDICATOR? ? OR SWITCH?? OR REGULATOR? ? OR BUTTON? ? OR KNOB? ? OR SPEEDO OR TACH OR REV()COUNTER
S3	1294810	MOUNT OR HOLDER OR PLACE OR NICHE OR BRACKET? ?
S4	627921	REPLACEMENT OR AFTER()MARKET OR UPGRADE OR UP()GRADE? ? OR DECORAT??? OR ENHANC???
S5	1715	S1(5N)S2
S6	22925	S2(5N)S3
S7	20	S5(10N)S6
S8	1	S4(S)S7
S9	36135	IC=(B60K-037? OR B62D-025?)
S10	1	S7 AND S9
S11	21	S5 AND S9
S12	731	S6 AND S9
S13	2	S11 AND S12
S14	21	IDPAT S11 (sorted in duplicate/non-duplicate order)
S15	21	IDPAT S11 (primary/non-duplicate records only)

15/3,K/1 (Item 1 from file: 350)
DIALOG(R) File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

015545231 **Image available**
WPI Acc No: 2003-607387/200357
XRPX Acc No: N03-484371

Instrument *panel* assembly for automotive vehicle has *bezel* *panel*,
cover *panel* and housing which are interconnected to form instrument
panel unit attached to frame structure of automobile
Patent Assignee: VISTEON GLOBAL TECHNOLOGIES INC (VIST-N); STRAESSER B
(STRA-I)

Inventor: STRAESSER B
Number of Countries: 002 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030141738	A1	20030731	US 200262107	A	20020131	200357 B
DE 10259194	A1	20030821	DE 1059194	A	20021210	200362
US 6634693	B2	20031021	US 200262107	A	20020131	200370

Priority Applications (No Type Date): US 200262107 A 20020131

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20030141738	A1		6 B62D-025/14	
DE 10259194	A1		B60K-037/02	
US 6634693	B2		B62D-025/14	

Instrument *panel* assembly for automotive vehicle has *bezel* *panel*,
cover *panel* and housing which are interconnected to form instrument
panel unit attached to frame structure of...

Abstract (Basic):

... The instrument panel assembly includes a housing (16) that
contains the electronic components. A *bezel* *panel* (14) containing a
display board is attached to the housing. A cover *panel* is attached
to the *bezel* *panel* and the housing via a fastener. The *bezel*
panel, the cover *panel* and the housing are interconnected to form
an instrument panel unit (10) attached to the...

... Ensures simple attachment of housing, *bezel* and *instrument*
cover such that movement of housing, *bezel* and *instrument* cover is
allowed. Prevents misalignment of bezel with other components during
vibration or other common...

...*Bezel* *panel* (14
International Patent Class (Main): *B60K-037/02*...

...*B62D-025/14*
International Patent Class (Additional): *B60K-037/04*...

...*B60K-037/06*

15/3,K/3 (Item 3 from file: 350)
DIALOG(R) File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

015218200 **Image available**
WPI Acc No: 2003-279113/200327
XRPX Acc No: N03-221633

Instrument cluster assembly for automotive vehicle has recessed cavity in
panel to accept rib of *bezel* assembly frame
Patent Assignee: INTIER AUTOMOTIVE INC (INTI-N)
Inventor: HAGER R; POLAKOWSKI S; SONCRANT J
Number of Countries: 096 Number of Patents: 001
Patent Family:

Patent No Kind Date Applicat No Kind Date Week
WO 200324733 A1 2003032 WO 2002US29709 A 20020919 327 B

Priority Applications (No Type Date): US 2001323498 P 20010919

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
WO 200324733 A1 E 13 B60K-037/02

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP
KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT
RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VC VN YU ZA ZW

Designated States (Regional): AT BE BG CH CY CZ DE DK EA EE ES FI FR GB
GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SK SL SZ TR TZ UG ZM ZW

**Instrument cluster assembly for automotive vehicle has recessed cavity in
panel to accept rib of *bezel* assembly frame**

Abstract (Basic):

... The instrument cluster includes a cluster assembly (10)
including a *faceplate* (20) with a display *panel* (22), a circuit
board (60) coupled to the faceplate, a shroud (40) interconnecting the
circuit...

International Patent Class (Main): *B60K-037/02*

15/3,K/6 (Item 6 from file: 350)

DIALOG(R) File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

012822222 **Image available**

WPI Acc No: 1999-628453/199954

XRPX Acc No: N99-464977

**Installation structure of *bezel* on cluster housing of vehicle
instrument panel**

Patent Assignee: HINO MOTORS LTD (HINM)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No Kind Date Applicat No Kind Date Week
JP 11278102 A 19991012 JP 9886126 A 19980331 199954 B

Priority Applications (No Type Date): JP 9886126 A 19980331

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
JP 11278102 A B60K-037/02

**Installation structure of *bezel* on cluster housing of vehicle
instrument panel**

International Patent Class (Main): *B60K-037/02*

15/3,K/7 (Item 7 from file: 350)

DIALOG(R) File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

012066555 **Image available**

WPI Acc No: 1998-483466/199842

Related WPI Acc No: 1998-483467

XRPX Acc No: N98-377199

**Automobile *dashboard* with transparent *faceplate* bearing *dial*
markings - has printed circuit board, supporting instrument movement(s),
behind display plate and edge-lit faceplate**

Patent Assignee: MAGNETI MARELLI FRANCE SA (ITMA)

Inventor: BEZARD J J; BONUTTO A; WROBLEWSKI J

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
FR 2760413	A1	19980011	FR 972680	A	1997030	199842 B

Priority Applications (No Type Date): FR 972680 A 19970306

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
FR 2760413	A1	11	B60K-037/02	

Automobile *dashboard* with transparent *faceplate* bearing *dial* markings...

International Patent Class (Main): *B60K-037/02*

15/3,K/12 (Item 12 from file: 350)

DIALOG(R) File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

001680971

WPI Acc No: 1977-B7442Y/197709

Fastener for dashboard instrument - with angled screws through rear of instrument to press against back of dashboard

Patent Assignee: VDO SCHINDLING AG ADOLF (VDOT)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 2536279	A	19770224				197709 B

Priority Applications (No Type Date): DE 2536279 A 19750814

...Abstract (Basic): The *dashboard* *instrument* has a raised *bezel* (16) on the front to locate it in the dashboard hole. The rear of the...

International Patent Class (Additional): *B60K-037/02*

15/AN,AZ,TI/1 (Item 1 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

015545231
Instrument *panel* assembly for automotive vehicle has *bezel* *panel*,
cover *panel* and housing which are interconnected to form instrument
panel unit attached to frame structure of automobile
Local Applications (No Type Date): US 200262107 A 20020131; DE 1059194 A
20021210; US 200262107 A 20020131
Priority Applications (No Type Date): US 200262107 A 20020131

15/AN,AZ,TI/2 (Item 2 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

015296437
Switch for controlling motor vehicle indicator lights or windscreen
wipers has *switch* handle integrated into *bezel* of *speedometer*
Local Applications (No Type Date): FR 200111084 A 20010824
Priority Applications (No Type Date): FR 200111084 A 20010824

15/AN,AZ,TI/3 (Item 3 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

015218200
Instrument cluster assembly for automotive vehicle has recessed cavity in
panel to accept rib of *bezel* assembly frame
Local Applications (No Type Date): WO 2002US29709 A 20020919
Priority Applications (No Type Date): US 2001323498 P 20010919

15/AN,AZ,TI/4 (Item 4 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

015168087
Golf cart dashboard for use with golf cart, has waste receptacle assembly
coupled in *dashboard* *faceplate* and positioned intermediate driver's
side and passenger's side dashboards or glove boxes
Local Applications (No Type Date): US 2001930702 A 20010626; US 2001930702
A 20010626
Priority Applications (No Type Date): US 2001930702 A 20010626

15/AN,AZ,TI/5 (Item 5 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

015071368
Instrument panel molding method for vehicles, involves installing
instrument panel in outer skin opening corresponding to base opening
formed by trimming portion of skin layer
Local Applications (No Type Date): JP 200126096 A 20010201
Priority Applications (No Type Date): JP 200126096 A 20010201

15/AN,AZ,TI/6 (Item 6 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

012822222
Installation structure of *bezel* on cluster housing of vehicle
instrument panel
Local Applications (No Type Date): JP 9886126 A 19980331
Priority Applications (No Type Date): JP 9886126 A 19980331

15/AN,AZ,TI/7 (Item 7 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

012066555

Automobile *dashboard* with transparent *faceplate* bearing *dial* markings - has printed circuit board, supporting instrument movement(s), behind display plate and edge-lit faceplate

Local Applications (No Type Date): FR 972680 A 19970306

Priority Applications (No Type Date): FR 972680 A 19970306

15/AN,AZ,TI/8 (Item 8 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

007374137

Sealing cap in car chassis - incorporates two angled anchor flanges holding cap in place

Local Applications (No Type Date): DE 3773503 A 19870422; GB 889275 A 19880420; US 88184343 A 19880421; ES 88112 A 19880412; SE 881484 A 19880421; NL 88680 A 19880318

Priority Applications (No Type Date): DE 3713503 A 19870422; DE 3773503 A 19870422

15/AN,AZ,TI/9 (Item 9 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

004660592

Plastics closure for panel aperture - has concentrically corrugated body with integral sealing and retaining lips

Local Applications (No Type Date): GB 8531214 A 19851218; DE 3446151 A 19841218; WO 85DE530 A 19851218; FR 8518778 A 19851218; JP 85500400 A 19851218; US 86916544 A 19860815; WO 85DE530 A 19851218; KR 86700539 A 19860807

Priority Applications (No Type Date): DE 3446151 A 19841218

15/AN,AZ,TI/10 (Item 10 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

004038411

Display unit for trip computer - provides combinations of numerals and pictographs to indicate car travel data to driver

Local Applications (No Type Date): EP 83402562 A 19831230; US 86862198 A 19860509

Priority Applications (No Type Date): JP 832363 A 19830112

15/AN,AZ,TI/11 (Item 11 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

003331280

Tubular frame reinforced body sections - are spaced from panel edge and have inward sloping tags to allow paint spray access

Local Applications (No Type Date): DE 3046056 A 19801206; US 81328265 A 19811207

Priority Applications (No Type Date): DE 3046056 A 19801206

15/AN,AZ,TI/12 (Item 12 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

001680971

Fastener for dashboard instrument - with angled screws through rear of instrument to press against back of dashboard

15/AN,AZ,TI/13 (Item 13 from file: 347)
DIALOG(R)File 347:(c) 2004 JPO & JAPIO. All rts. reserv.

06423936
METHOD AND APPARATUS FOR MANUFACTURING DIAL

APPL. NO.: 10-211728 [JP 98211728]

15/AN,AZ,TI/14 (Item 14 from file: 347)
DIALOG(R)File 347:(c) 2004 JPO & JAPIO. All rts. reserv.

05494936
CLUSTER MODULE AND ITS ASSEMBLY METHOD

APPL. NO.: 07-271318 [JP 95271318]

15/AN,AZ,TI/15 (Item 15 from file: 347)
DIALOG(R)File 347:(c) 2004 JPO & JAPIO. All rts. reserv.

05242638
BODY FRONT STRUCTURE OF CAR

APPL. NO.: 07-028856 [JP 9528856]

15/AN,AZ,TI/16 (Item 16 from file: 347)
DIALOG(R)File 347:(c) 2004 JPO & JAPIO. All rts. reserv.

05242637
BODY FRONT STRUCTURE OF CAR

APPL. NO.: 07-028854 [JP 9528854]

15/AN,AZ,TI/17 (Item 17 from file: 347)
DIALOG(R)File 347:(c) 2004 JPO & JAPIO. All rts. reserv.

05227976
AUTOMOBILE BODY FRONT PART STRUCTURE

APPL. NO.: 06-338771 [JP 94338771]

15/AN,AZ,TI/18 (Item 18 from file: 347)
DIALOG(R)File 347:(c) 2004 JPO & JAPIO. All rts. reserv.

04483532
ROOF PART CONSTRUCTION FOR AUTOMOBILE

APPL. NO.: 04-274409 [JP 92274409]

15/AN,AZ,TI/19 (Item 19 from file: 347)
DIALOG(R)File 347:(c) 2004 JPO & JAPIO. All rts. reserv.

03629375
BONNET MECHANISM FOR TRACTOR

APPL. NO.: 02-093589 [JP 9093589]

15/AN,AZ,TI/20 (Item 20 from file: 347)
DIALOG(R)File 347:(c) 2004 JPO & JAPIO. All rts. reserv.

03629374
BONNET MECHANISM FOR TRACTOR

APPL. NO.: 02-093588 [JP 9093588]

15/AN,AZ,TI/21 (Item 21 from file: 347)
DIALOG(R)File 347:(c) 2004 JPO & JAPIO. All rts. reserv.

02618281
FLOOR STRUCTURE OF CAR BODY

APPL. NO.: 62-065833 [JP 8765833]

?show files;ds
File 35:Dissertation Abstracts Online 1861-2004/Dec
(c) 2004 ProQuest Info&Learning
File 65:Inside Conferences 1993-2004/Jan W3
(c) 2004 BLDSC all rts. reserv.
File 8:EI Compendex(R) 1970-2004/Jan W2
(c) 2004 Elsevier Eng. Info. Inc.
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(c)2004 Japan Science and Tech Corp(JST)
File 6:NTIS 1964-2004/Jan W3
(c) 2004 NTIS, Intl Cpyrght All Rights Res
File 144:Pascal 1973-2004/Jan W2
(c) 2004 INIST/CNRS
File 111:TGG Natl.Newspaper Index(SM) 1979-2004/Jan 21
(c) 2004 The Gale Group
File 323:RAPRA Rubber & Plastics 1972-2003/Dec
(c) 2003 RAPRA Technology Ltd
File 34:SciSearch(R) Cited Ref Sci 1990-2004/Jan W3
(c) 2004 Inst for Sci Info
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
(c) 1998 Inst for Sci Info
File 48:SPORTDiscus 1962-2004/Jan
(c) 2004 Sport Information Resource Centre
File 63:Transport Res(TRIS) 1970-2004/Dec
(c) fmt only 2004 Dialog Corp.
File 25:Weldasearch 1966-2002/Jul
(c) 2004 TWI Ltd
File 81:MIRA - Motor Industry Research 2001-2004/Dec
(c) 2004 MIRA Ltd.
File 266:FEDRIP 2004/Dec
Comp & dist by NTIS, Intl Copyright All Rights Res
File 31:World Surface Coatings. Abs 1976-2004/Dec
(c) 2004 Paint Research Assn.

Set	Items	Description
S1	6115	BEZEL? ? OR (CRIMPED OR BEVELED)(4N)(METAL OR BORDER? ? OR EDGE? ?) OR (TRIM OR SURFACE OR RETAIN??? OR METAL)()RING? ? - OR FACEPLATE? ? OR FACE()PLATE? ? OR TRIMRING? ?
S2	2594322	GAUGE? ? OR DASHBOARD? ? OR DASH OR PANEL? ? OR FASCIA OR - FACIA OR DIAL? ? OR READOUT? ? OR INSTRUMENT?? OR SPEEDOMET??? OR TACHOMET??? OR INDICATOR? ? OR SWITCH?? OR REGULATOR? ? OR BUTTON? ? OR KNOB? ? OR SPEEDO OR TACH OR REV()COUNTER
S3	887008	MOUNT OR HOLDER OR PLACE OR NICHE OR BRACKET? ?
S4	1706836	REPLACEMENT OR AFTER()MARKET OR UPGRADE OR UP()GRADE? ? OR DECORAT??? OR ENHANC???
S5	167	S1(5N)S2
S6	4625	S2(5N)S3
S7	1	S5(10N)S6
S8	0	S4(S)S7
S9	2	S4(10N)S5
S10	2	S5 AND S6
S11	985943	AUTOMOBILE? ? OR CAR OR CARS OR MOTOR()VEHICLE? ? OR LIMO? OR LIMOUSINE? ? OR AUTO OR AUTOS OR AUTOMOTIVE
S12	43	S11(10N)(S5 OR S6)
S13	49	S1(10N)S4
S14	8	S11(S)S13
S15	10	S11 AND S13
S16	2	S15 NOT S14
S17	22	S1 AND S4 AND S11
S18	15	S17-NOT-PY>2000
S19	15	S18 NOT PD=20000527:20040229

S20

15

RD (unique items)

20/3,K/4 (Item 3 from file: 323)
DIALOG(R)File 323:RAPRA Rubber & Plastics
(c) 2003 RAPRA Technology Ltd. All rts. reserv.

00726025

TITLE: SCALING UP IN-MOULD *DECORATING*

SOURCE: Molding Systems; 57, No.4, April 1999, p.8-9

ISSN: 0032-1273

JOURNAL ANNOUNCEMENT: 199906 RAPRA UPDATE: 199911

DOCUMENT TYPE: Journal Article

LANGUAGE: English

SUBFILE: (R) RAPRA

TITLE: SCALING UP IN-MOULD *DECORATING*

...ABSTRACT: also involved in implementing insert film moulding for the
1998 Ford Mondeo instrument panel cluster *bezel*.

SUBJECT HEADING (RAPRA): *AUTOMOTIVE* APPLICATIONS...

...in mould *decorating*; INJECTION MOULDING...

...*automotive* applications...

...in mould *decorating*; SURFACE TREATMENT...

...*automotive* applications...

...in mould *decorating*

DESCRIPTORS: ABS; ADHESION; ADHESIVE; APPLICATION; *AUTOMOTIVE* APPLICATION
; BACK INJECTION MOLDING; BACK INJECTION MOULDING; *BEZEL*; BLEND;
BUMPER; CAP; CARBONATE POLYMER; CARRIER FILM; CHIP RESISTANCE; CLAMP
FORCE; CLAMPING FORCE; COMPANIES; COMPANY; DATA; DISTINCTION OF IMAGE;
DRY PAINT FILM; FINISHING; IN-MOLD *DECORATING*; IN-MOULD *DECORATING*;
INJECTION MOLDING MACHINE; INJECTION MOULDING MACHINE; INJECTION UNIT;
INSERT MOLDING; INSERT MOULDING; INSTRUMENT PANEL; LAMINATE...

20/3,K/7 (Item 6 from file: 323)

DIALOG(R)File 323:RAPRA Rubber & Plastics

(c) 2003 RAPRA Technology Ltd. All rts. reserv.

00678317

TITLE: IN-MOULD GRAPHICS *DECORATE* RAGTOP'S PRNDL *BEZEL*

SOURCE: Molding Systems; 56, No.3, March 1998, p.41

ISSN: 0032-1273

JOURNAL ANNOUNCEMENT: 199807 RAPRA UPDATE: 199813

DOCUMENT TYPE: Journal Article

LANGUAGE: English

SUBFILE: (R) RAPRA

TITLE: IN-MOULD GRAPHICS *DECORATE* RAGTOP'S PRNDL *BEZEL*

ABSTRACT: Chrysler and Serigraph have taken a different approach for
moulding and *decorating* the automatic transmission *bezel* that
surrounds the gear-shift lever in Chrysler's 1997 Sebring convertible.
The combination of in-mould graphics and electroluminescent lighting
produces a high-tech glow in the *bezel* that consumers like. The
in-mould graphics are durable and cost-effective because they are...

SUBJECT HEADING (RAPRA): *AUTOMOTIVE* APPLICATIONS...

...in mould *decorating*; INJECTION MOULDING...

....in mould *decorating*, *automotive*...

...automotive applications; SURFACE TREATMENT...

...in mould *decorating*, *automotive*...

...automotive applications
DESCRIPTORS: APPLICATION; AUTOMOTIVE* APPLICATION; CARBONATE POLYMER;
COLOR MATCHING; COLOUR MATCHING; COMPANIES; COMPANY; DATA; *DECORATION*
; ELECTROLUMINESCENT LAMP; GEAR CHANGER; IN-MOLD *DECORATING*; IN-MOULD
DECORATING; INJECTION MOLDING; INJECTION MOULDING; PLASTIC;
POLYCARBONATE; PRE-ASSEMBLY; SCRATCH RESISTANCE; SHEETING;
THERMOPLASTIC

20/3,K/11 (Item 10 from file: 323)
DIALOG(R)File 323:RAPRA Rubber & Plastics
(c) 2003 RAPRA Technology Ltd. All rts. reserv.

00560589

TITLE: IN-MOULD *DECORATING* FITS *BEZEL* CURVES

AUTHOR(S): Maniscalco M

SOURCE: Injection Molding; 3, No.8, Aug.1995, p.33-4

ISSN: 1071-362X

JOURNAL ANNOUNCEMENT: 199512 RAPRA UPDATE: 199522

DOCUMENT TYPE: Journal Article

LANGUAGE: English

SUBFILE: (R) RAPRA

TITLE: IN-MOULD *DECORATING* FITS *BEZEL* CURVES

ABSTRACT: Due to SPM's vast experience in in-mould foil *decorating*, Ford Motor Co. has selected the Anaheim, California-based company to mould instrument panel *bezels* for the 1996 Taurus and Mercury Sable. The *bezel* has multiple contours, six colours and a clear window for LCD display. One in-mould foil *decorates* the entire part. The window has proved to be the biggest design challenge, because its...

...SUBJECT HEADING (RAPRA): in mould *decorating*, ...

...*automotive* applications...

...in mould *decorating*, ...

...*automotive* applications...

...carbonate polymers; *AUTOMOTIVE* APPLICATIONS...

...in mould *decorating*, ...

...in mould *decorating*, ...

...*automotive* applications

DESCRIPTORS: *AUTOMOTIVE* APPLICATION; CLARITY; COMPANY; COST; DASHBOARD;
DESIGN; IN-MOULD *DECORATING*; INJECTION MOULDING; PLASTIC;
POLYCARBONATE; PRODUCT ANNOUNCEMENT; THERMOPLASTIC; IN-MOLD
DECORATING; INJECTION MOLDING

20/3,K/15 (Item 1 from file: 81)
DIALOG(R)File 81:MIRA - Motor Industry Research
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142791

***Automotive* polymer market grows**

MEHMET S

Corporate Source: DuPont Engineering Polymers

Auto 2000

January 1, 2000

Page : 30

Supplementary Info: Issue No.2

Collation : (2 p)

Document Type: JOURNAL Language: ENGLISH
Record Type: ABSTRACT
Supplier Record Type: ABN

***Automotive* polymer market grows**

...A review of growth and potential growth sources for DuPont's business includes electric motors, *auto*-electronics, *replacement* of metals by polymers, a headlamp *bezel*, connectors and encapsulation. (GD)

...Descriptors : DUPONT *AUTOMOTIVE*;
Subject Heading: DUPONT *AUTOMOTIVE*

20/AA,AN,TI/1 (Item 1 from file: 8)
DIALOG(R)File 8:(c) 20 Elsevier Eng. Info. Inc. All . reserv.

00426623
E.I. Monthly No: EI7501005087
Title: USING RESIST COATINGS IN SELECTIVE PLATING.

20/AA,AN,TI/2 (Item 1 from file: 323)
DIALOG(R)File 323: (c) 2003 RAPRA Technology Ltd. All rts. reserv.

00742647
TITLE: FILM LAMINATE DRESSES UP TPO INTERIOR TRIM

20/AA,AN,TI/3 (Item 2 from file: 323)
DIALOG(R)File 323: (c) 2003 RAPRA Technology Ltd. All rts. reserv.

00741799
TITLE: PC FILM ALLOWS MATTE FINISH FOR IN-MOULD *DECORATING*

20/AA,AN,TI/4 (Item 3 from file: 323)
DIALOG(R)File 323: (c) 2003 RAPRA Technology Ltd. All rts. reserv.

00726025
TITLE: SCALING UP IN-MOULD *DECORATING*

20/AA,AN,TI/5 (Item 4 from file: 323)
DIALOG(R)File 323: (c) 2003 RAPRA Technology Ltd. All rts. reserv.

00705830
TITLE: KEY, INOAC WILL MAKE *AUTO* PARTS IN MEXICO

20/AA,AN,TI/6 (Item 5 from file: 323)
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00687897
TITLE: PBTP SELECTED FOR LOW WARPAGE HEADLAMP

20/AA,AN,TI/7 (Item 6 from file: 323)
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00678317
TITLE: IN-MOULD GRAPHICS *DECORATE* RAGTOP'S PRNDL *BEZEL*

20/AA,AN,TI/8 (Item 7 from file: 323)
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00647934
TITLE: ENGINEERING RESINS GAIN WEATHERABILITY

20/AA,AN,TI/9 (Item 8 from file: 323)
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00608966
TITLE: EASY PROCESSING POLYCARBONATE GIVES BOOST TO IN-MOULD *DECORATING*

20/AA,AN,TI/10 (Item 9 from file: 323)

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00589597

TITLE: NYLON*LEADS THE WAY FOR US *CAR* MAKERS

20/AA,AN,TI/11 (Item 10 from file: 323)

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00560589

TITLE: IN-MOULD *DECORATING* FITS *BEZEL* CURVES

20/AA,AN,TI/12 (Item 11 from file: 323)

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00452703

TITLE: SPREADING THE WORD

20/AA,AN,TI/13 (Item 12 from file: 323)

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00280239

TITLE: WEIGHT REDUCTION IN *MOTOR* *VEHICLES* BY MEANS OF THERMOPLASTIC
ENGINEERING MATERIALS

20/AA,AN,TI/14 (Item 13 from file: 323)

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00128187

TITLE: COST CUTTING WITH POLYCARBONATE, THE NEW ACTION IN FILM AND SHEET

20/AA,AN,TI/15 (Item 1 from file: 81)

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142791

Automotive polymer market grows